

INTERNATIONAL SEARCH REPORT

International application No.
PCT/SE 2004/001626

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: A61F 2/46

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: A61B, A61F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE, DK, FI, NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPDOC INTERNAL, MEDLINE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6248110 B1 (MARK A REILEY ET AL), 19 June 2001 (19.06.2001), column 6, line 47 - column 9, line 19, figures 5H-5P --	1, 4, 12-15, 23-24, 34-36, 44-47, 51-52
X	EP 1132061 A2 (BRISTOL-MYERS SQUIBB COMPANY), 12 Sept 2001 (12.09.2001), figures 2-6, paragraphs 0014-0018 --	1, 4, 34-35, 44-45
A	US 20030109883 A (HIROMI MATSUZAKI ET AL), 12 June 2003 (12.06.2003) --	1-52
A	US 20030028251 A (HALLETT H. MATHEWS), 6 February 2003 (06.02.2003) --	1-52

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:	
"A"	document defining the general state of the art which is not considered to be of particular relevance
"B"	earlier application or patent but published on or after the international filing date
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
"O"	document referring to an oral disclosure, use, exhibition or other means
"P"	document published prior to the international filing date but later than the priority date claimed
"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"&"	document member of the same patent family

Date of the actual completion of the international search

25 February 2005

Date of mailing of the international search report

28-02-2005

Name and mailing address of the ISA/
Swedish Patent Office
Box 5055, S-102 42 STOCKHOLM
Facsimile No. +46 8 666 02 86

Authorized officer

Leif Brander/E1s
Telephone No. +46 8 782 25 00

INTERNATIONAL SEARCH REPORT

International application No.
PCT/SE 2004/001625

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.: 53-58
because they relate to subject matter not required to be searched by this Authority, namely:
Methods for treatment of the human or animal body by surgery or therapy, as well as diagnostic methods. (See PCT Rule 39.1(iv)).
2. Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

The additional search fees were accompanied by the applicant's protest.
 No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

30/01/2005

PCT/SE 2004/001626

US	6248110	B1	19/06/2001	AU	752440	B	19/09/2002
AU				AU	7721298	A	30/12/1998
CA				CA	2292521	A	17/12/1998
CN				CN	1259851	T	12/07/2000
EA				EA	1570	B	00/00/0000
EP				EP	0987991	A	29/03/2000
HU				HU	0001956	A	28/10/2000
IL				IL	133257	D	00/00/0000
JP				JP	2001517997	T	09/10/2001
NO				NO	995988	A	08/02/2000
NZ				NZ	501338	A	26/10/2001
NZ				NZ	513469	A	31/01/2003
NZ				NZ	513470	A	31/01/2003
NZ				NZ	513471	A	31/01/2003
NZ				NZ	513472	A	20/12/2002
NZ				NZ	513473	A	20/12/2002
PL				PL	337780	A	11/09/2000
SK				SK	167799	A	11/07/2000
TR				TR	9902994	T	00/00/0000
US				US	20010041896	A	15/11/2001
US				US	20010049531	A	06/12/2001
US				US	20020082608	A	27/06/2002
US				US	20040225296	A	11/11/2004
WO				WO	9856301	A	17/12/1998
US				US	5827289	A	27/10/1998
AT				AT	274847	T	15/09/2004
AU				AU	713014	B	18/11/1999
AU				AU	1607395	A	15/08/1995
AU				AU	6270096	A	30/12/1996
CA				CA	2180556	A	03/08/1995
CA				CA	2222144	A	19/12/1996
DE				DE	69633286	D, T	13/01/2005
EP				EP	0741547	A	13/11/1996
EP				EP	0836435	A, B	22/04/1998
EP				EP	1426075	A	09/06/2004
JP				JP	3333211	B	15/10/2002
JP				JP	9508292	T	26/08/1997
JP				JP	2001520530	T	30/10/2001
NO				NO	963115	A	25/09/1996
NZ				NZ	279442	A	26/02/1998
NZ				NZ	311383	A	28/01/2000
US				US	6423083	B	23/07/2002
US				US	20010044626	A	22/11/2001
US				US	20030229372	A	11/12/2003
WO				WO	9520362	A	03/08/1995
WO				WO	9639970	A	19/12/1996
WO				WO	03059213	A	24/07/2003
AU				AU	702330	B	18/02/1999
EP				EP	1464293	A	06/10/2004
EP				EP	1498079	A	19/01/2005
RU				RU	2147213	C	10/04/2000
US				US	6066154	A	23/05/2000
US				US	6235043	B	22/05/2001
US				US	6607544	B	19/08/2003
US				US	6663647	B	16/12/2003

INTERNATIONAL SEARCH REPORT

Information on patent family members

30/01/2005

International application No.
PCT/SE 2004/001626

US	6248110	B1	19/06/2001	US	200100111174	A	02/08/2001
				US	20020156482	A	24/10/2002
				US	20020183778	A	05/12/2002
				US	20030191489	A	09/10/2003
				US	20040153114	A	05/08/2004
				US	20040267271	A	30/12/2004
EP	1132061	A2	12/09/2001	AU	772702	B	06/05/2004
				AU	2485101	A	13/09/2001
				CA	2337593	A	07/09/2001
				DE	60104918	D,T	20/01/2005
				JP	2001276099	A	09/10/2001
				US	6332894	B	25/12/2001
US	20030109883	A	12/06/2003	DE	10257193	A	18/06/2003
				FR	2833157	A	13/06/2003
				FR	2843295	A	13/02/2004
				FR	2843296	A	13/02/2004
				FR	2852820	A	01/10/2004
				GB	0228570	D	00/00/0000
				GB	2384188	A	23/07/2003
				JP	2003169811	A	17/06/2003
US	20030028251	A	06/02/2003	JP	2004536657	T	09/12/2004
				US	20040106999	A	03/06/2004
				WO	03011147	A	13/02/2003